

TOSHIBA

STEREO TURNTABLE

SR-V10



SPECIFICATIONS

Drive system	Belt drive system	Power consumption:	AC 220V ~ 50 Hz (TE) AC 240V ~ 50 Hz (TU)
Drive motor type:	DC servo controlled motor	Major dimensions:	AC 110 - 127V/220 - 240V ~ 50/60 Hz (VF)
Turntable speeds:	2 speed (33-1/3 and 45 rpm)		9 watts (15W TC only)
Turntable platter:	298mm aluminum alloy diecast		340(W) x 112.5(H) x 350(D)mm (in the loading closed state)
Tonearm:	Static balanced Linear-Tracking tonearm		340(W) x 112.5(H) x 520(D)mm (in the loading opened state)
	Effective length: 140mm	Weight:	Approx. 5.9 kg
Cartridge:	Moving flux type (MF) C-35M	Features:	Electronically controlled fully auto- matic functions (automatic lead-in, automatic stop, automatic return, cueing, manual)
	Output voltage: 0.6mV/cm/sec.		Open/close loading mechanism
	Frequency response: 20 - 20,000 Hz		One-touch operation function, syn- chronized recording function:
	Channel balance		For use in combination with the stereo cassette receiver system SK-V10. (TA, TC, VF)
	(1 kHz): < 2 dB		For use in combination with the stereo receiver SA-V10 and the stereo cassette deck PC-V10. (TE, TU)
	Crosstalk (1 kHz): > 20 dB	Accessory:	45 rpm record adaptor
	Load resistance: 47K ohm		
	Stylus tip: 15µm diamond- tipped spherical stylus		
	Dynamic compliance		
	(lateral): 8mm/N		
	Tracking force: 2 gf		
	Stylus replacement: N-35D		
Wow and flutter:	DIN: less than 0.07% (zero to peak)		
	WRMS: less than 0.05%		
Rumble:	DIN A: lower than -45 dB		
	DIN B: lower than -70 dB		
Mains voltage and frequency:	AC 120V ~ 60 Hz (TA, TC)		

Specifications are subject to change without notice.

TA, TC, TE, TU, VF
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1. OPERATING CONTROLS

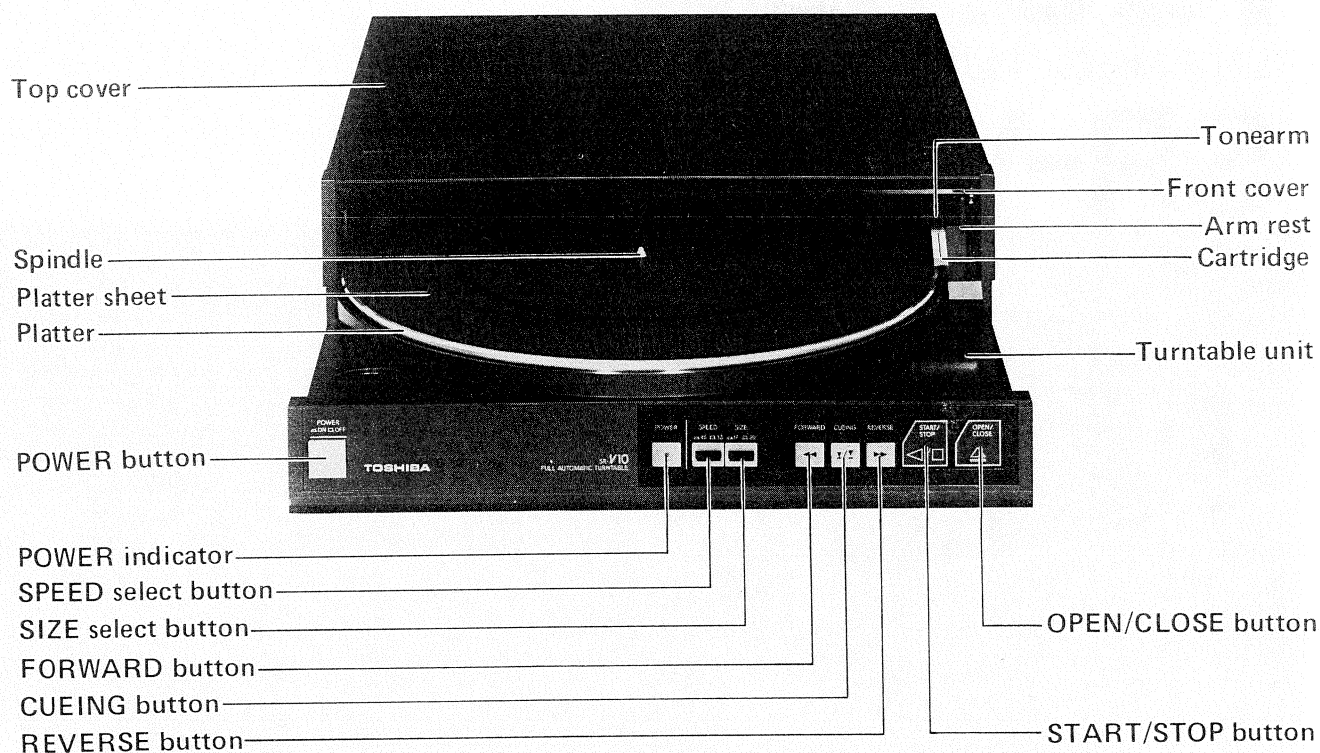


Figure 1

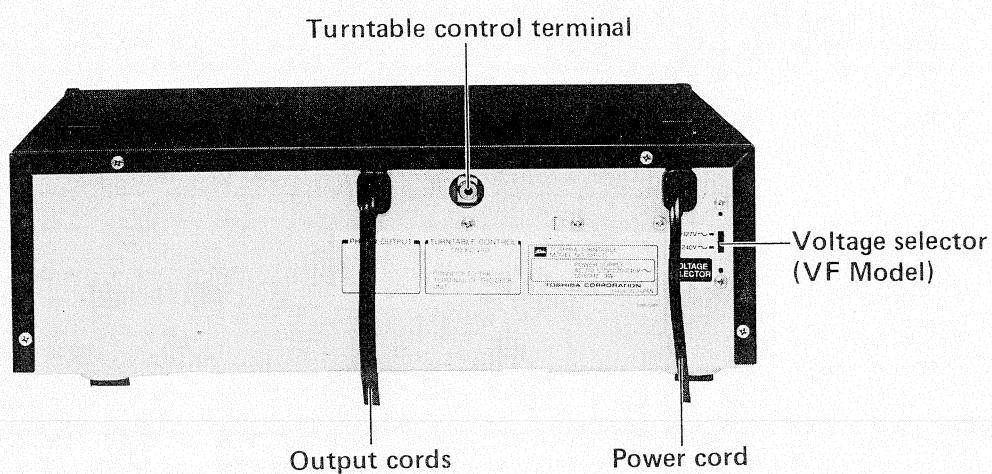


Figure 2

2. DISASSEMBLY INSTRUCTIONS

■ TOP COVER REMOVAL

1. Remove two screws (A) on both sides.
2. Remove four screws (B) on back plate, and the top cover will be removed from unit.

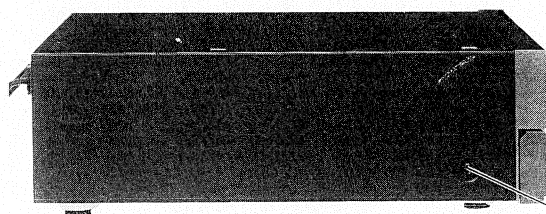


Figure 3

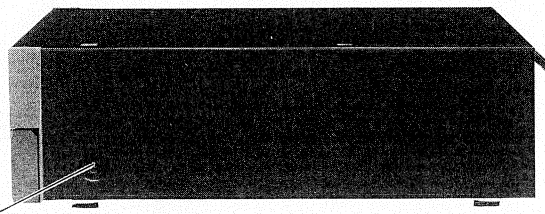


Figure 4

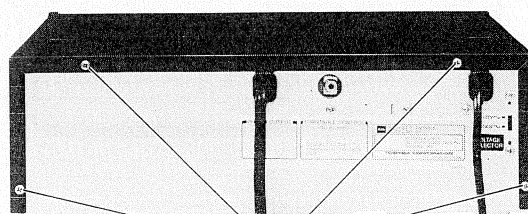
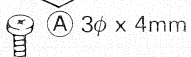
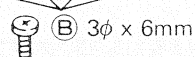


Figure 5



■ MECHANISM & P.C. BOARD REMOVAL

1. Remove six screws (C) on bottom plate, and the mechanism & P.C. Board will be removed from shassis.

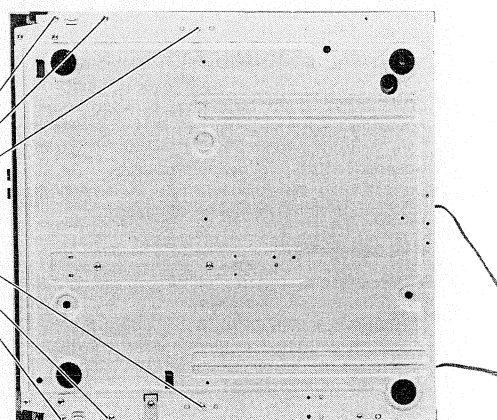
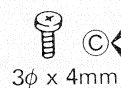


Figure 6

■ P.C. BOARD CHECK

1. Remove bottom plate by removing three screws (D) fixing bottom plate for P.C. Board, and the P.C. Board, and the P.C. Board will be checked.

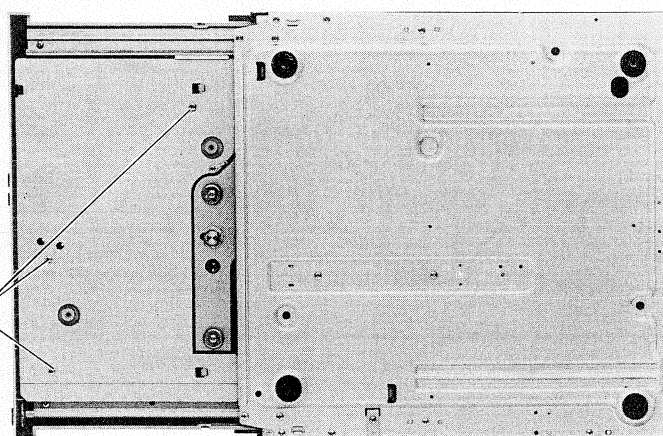
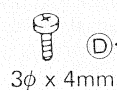


Figure 7

3. SYSTEM CONNECTIONS

Ensure that the power switch remains turned off, and that the plug is not inserted into the wall socket until all the connections have been completed.

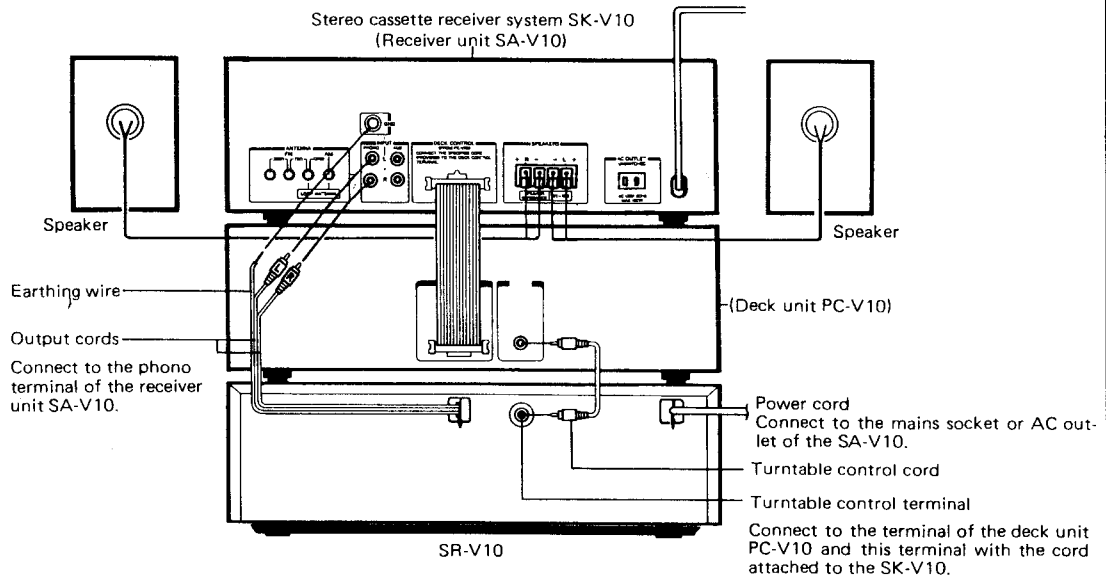


Figure 8

4. PRELIMINARY PREPARATIONS

In order to protect your new turntable from damage during transportation, the platter and other heavy items have been packaged separately inside the packing carton. Unpack each item, and assemble the turntable in strict accordance to the following procedure. Do not plug the turntable into a wall socket until you have finished assembling it.

■ Unpacking

- (1) Take out the platter, belt and platter sheet on the top of the packing.
- (2) Remove the main turntable unit from the carton with the packing material and then, remove the packing material. (45 adaptor is packed with cushion.)
- (3) Remove the four red screws from the bottom of the main turntable unit together with the red spacer. They are for protection during transportation.

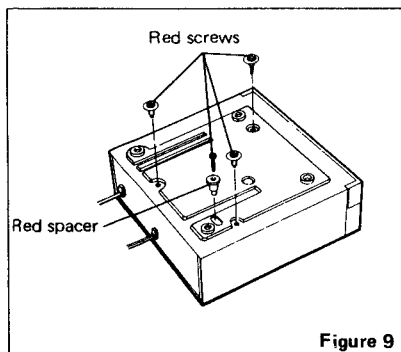


Figure 9

- (4) Place the main turntable unit directly in front of you, pull out the turntable unit gently, and remove the red screw and the tonearm fastener with a plus screwdriver.

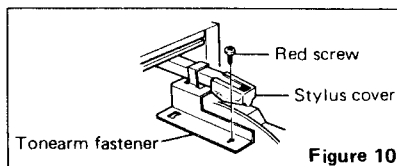


Figure 10

* Do not throw away the packing materials. You will need them in case of re-transportation (when you move, for instance).

■ Turntable Assembly

Assemble the turntable following the procedure below.

- (1) Carefully mount the platter onto the spindle.

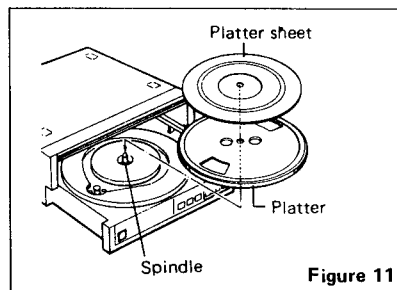


Figure 11

- (2) Put the belt around the pulley. (See "Putting on the Drive-belt" section.)
- (3) Then place the platter sheet on the platter.
- (4) Plug in the power cord. (Refer to the section on "System Connections".)

CAUTION

The holes on the platter are used for removing the platter. Do not insert fingers and turn it, since you may get injured.

■ Putting on the Drive-belt

- (1) Pull the belt around the inner rim of the platter out through one of the holes in the platter surface and hold it there with your index finger. Then fit the end of the belt over the pulley.
- (2) Make sure the belt is not twisted.

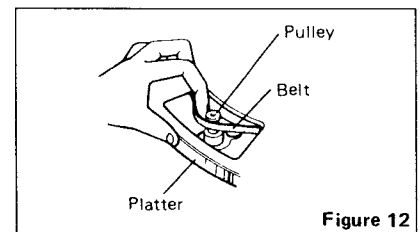


Figure 12

- (3) Rotate the platter slowly clockwise two or three times by hand.

■ Installation

It is highly recommended that the turntable be placed on a firm, level surface (such as desk or bookshelf) safe from external vibrations (caused by the speakers, or nearby footsteps). The ideal position would be a spot as far away as possible from the speakers, but also protected from direct sunlight, heaters and other heat generating appliances, dust, and high humidity (or dampness).

Note:

This unit may be mounted with other system components. Apparatus apart from system components may be mounted on the top of this unit if care is taken to guard against gravitational imbalance, although especially heavy items (over 15 kg) should not be mounted. Faulty mounting will result in improper functioning of the loading mechanism.

5. TURNTABLE OPERATION

This unit is an electronically controlled fully automatic turntable equipped with many functions such as an open/close function, a one-touch operation function, and a synchronized recording function. Both automatic and manual play are possible with the turntable unit brought out (opened state) or enclosed (closed state), so that correct operation presents the opportunity for a wide range of use.

Automatic Operation

- (1) When the POWER button is pressed, power will enter this unit and the POWER indicator will light up.
- (2) Press the OPEN/CLOSE button and bring forward the turntable unit. When this is done, the front cover will open and close in accordance with movement of the turntable unit, and thus should not be forced open manually. The turntable unit will come out forwards, and so there should be no obstacles in its way.
- (3) Remove the stylus cover by pulling it gently forwards. (See Fig. 10)
- (4) Place your record on the platter sheet.
- (5) Switch the SIZE button and SPEED button in accordance with the record which you are about to play.
- (6) Press the START/STOP button when playing a record in the opened state. When playing a record in the closed state, press the START/STOP button after pressing the OPEN/CLOSE button and inserting the turntable unit.
- (7) The platter will turn, the tonearm will move automatically to the start position for the first piece, and the record will begin to play. (Automatic lead-in operation)
- (8) When the record has been played, the tonearm will return automatically to the arm rest, and the platter will stop turning. (Automatic return operation)

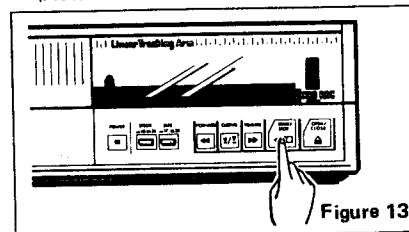


Figure 13

- (9) If the START/STOP button is pressed while a record is being played, play will be interrupted, the tonearm will return automatically to the arm rest, and the platter will stop turning. (Automatic stop operation)

Precautions

- (1) Automatic playing of 25cm records is not possible. The SPEED button should be adjusted in accordance with the record to be played, the SIZE button invariably set at "130", and manual operation carried out.
- (2) Touching the rotating platter or the tonearm while in operation should never be done since this will result in faulty operation and breakdown.
- (3) If the OPEN/CLOSE button is pressed while a record is being played in the opened state, the tonearm will rise from the record surface for protection of the stylus tip occasioned by movement of the turntable unit, and the record will temporarily cease to play. After the termination of such movement, the tonearm will lower once again on to the record surface and the record will begin to play again from almost exactly the same position.

- (4) If the same operation is carried out while a record is playing in the closed state, the turntable unit will come forward with the tonearm risen from the record surface. When playing in succession, the tonearm should be lowered by pressing the CUEING button.

- (5) If the FORWARD button or the REVERSE button is pressed while the tonearm is operating in the automatic lead-in or automatic return states, the tonearm will continue with the operation in which it is engaged. If the FORWARD button or the REVERSE button is pressed while a record is being played, the tonearm will rise automatically from the surface of the record.
- (6) If the POWER button is turned off and then on again in the opened state, the tonearm will return to the arm rest while the turntable unit will move inwards and enter the closed state.

Manual Operation

- (1) Stages (1) ~ (5) are the same as in the case of automatic operation.
- (2) The tonearm will move to the left while the FORWARD button is being pressed. The tonearm will move to the right while the REVERSE button is being pressed. The tonearm is moved into the desired position by means of operation of these two buttons.
- (3) If the CUEING button is pressed, the tonearm will lower automatically on to the surface of the record, which will begin to play.

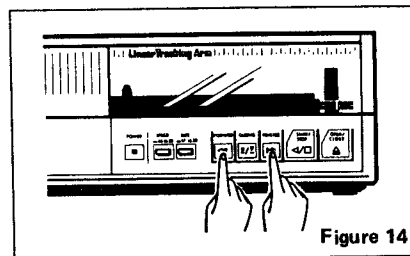


Figure 14

- (4) When the record has been played, the tonearm will return automatically to the arm rest, and the platter will stop turning.

Precautions

- (1) If the FORWARD button is continuously pressed until the tonearm is moved to the inner circumference of the record, the tonearm will stop in the risen state. If thereafter the CUEING button is pressed, the tonearm will return automatically to the arm rest.
- (2) If the FORWARD button is pressed when the tonearm is on the arm rest, the tonearm will rise and the platter will turn. This condition should be released by pressing the CUEING button.

Temporarily Stopping Play

The CUEING button should be pressed in order temporarily to stop a record which is being played. The tonearm will rise from the surface of the record. Play of the record can then be recommenced by pressing the CUEING button once again. The tonearm will lower on to the record surface and the record will begin to play again from almost exactly the same position.

If the tonearm has been risen from the record surface by means of the CUEING button and is then left in the risen state for three minutes or more, the tonearm will return automatically to the arm rest, and the platter will stop turning.

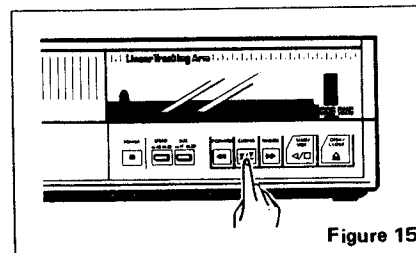


Figure 15

Precaution

The POWER button should not be turned off with the tonearm risen from the record surface by means of the CUEING button.

One-touch Operation and Synchronized Recording

- The playing of records (one-touch operation) and recording (synchronized recording) can be carried out simply through use of this unit in combination with the stereo cassette receiver system SK-V10.
- If a record is set in place and the START/STOP button of this unit is pressed, the function switch of the receiver unit SA-V10 will switch automatically to PHONO, and it becomes possible to begin playing the record. (One-touch operation)
- If the deck unit PC-V10 is set in the synchronized recording state, a mere press of the START/STOP button of this unit will result in this unit commencing play of the record while the PC-V10 will automatically begin recording. (Synchronized recording)
- When the record comes to an end, the PC-V10 enters the pause state.
- If the tonearm rises from the record surface through operation of the CUEING button, the FORWARD button or the REVERSE button of this unit, the PC-V10 will enter the pause state. If playing of the record is then recommenced by pressing the CUEING button once again, the PC-V10 will again begin to record.
- If playing of the record is halted by pressing the START/STOP button of this unit, the PC-V10 will enter the pause state.
- With regard to operating methods and functioning, reference should be made also to the owner's manual for the SK-V10.

6. DIAL CORD RESTRINGING

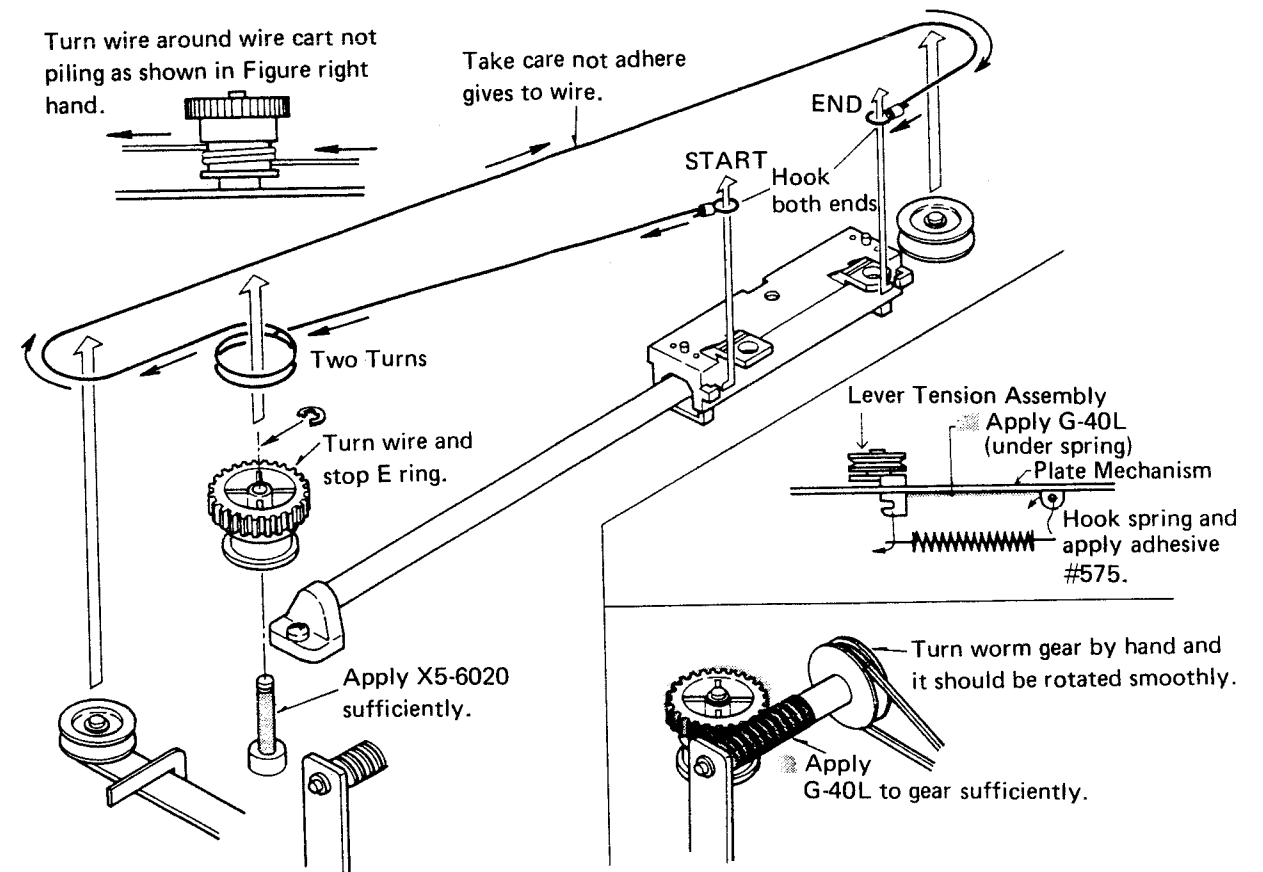


Figure 16

7. BLOCK DIAGRAM

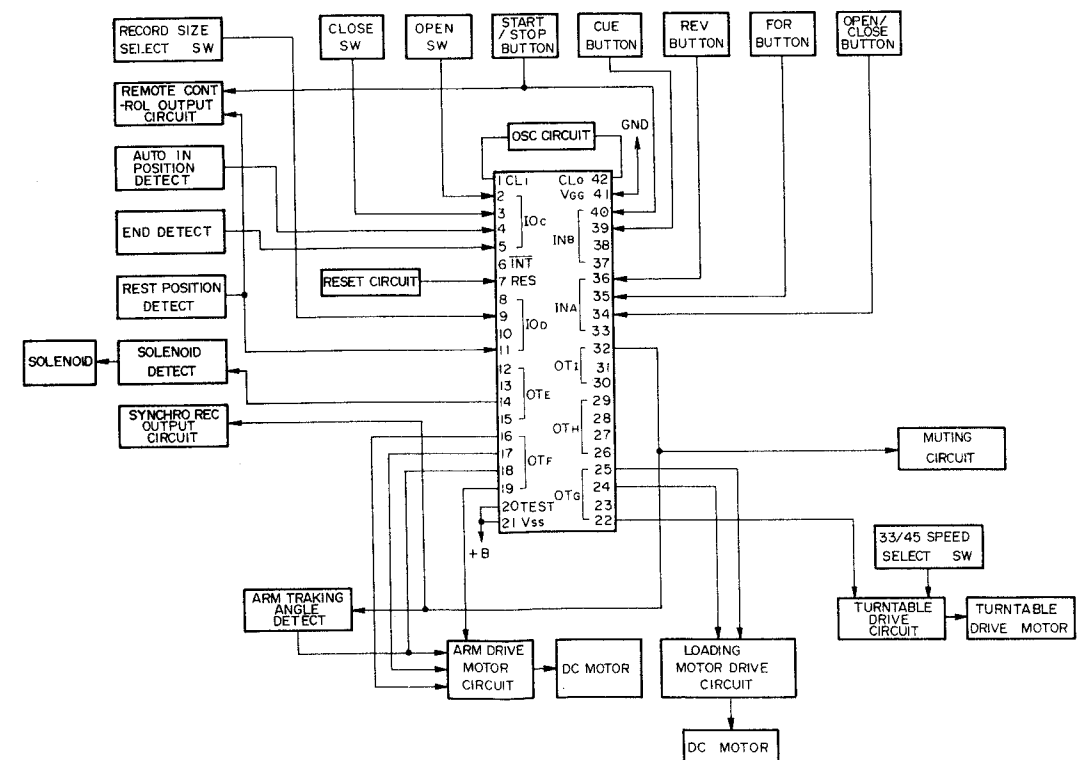


Figure 17

8. ELECTRICAL PARTS LOCATIONS

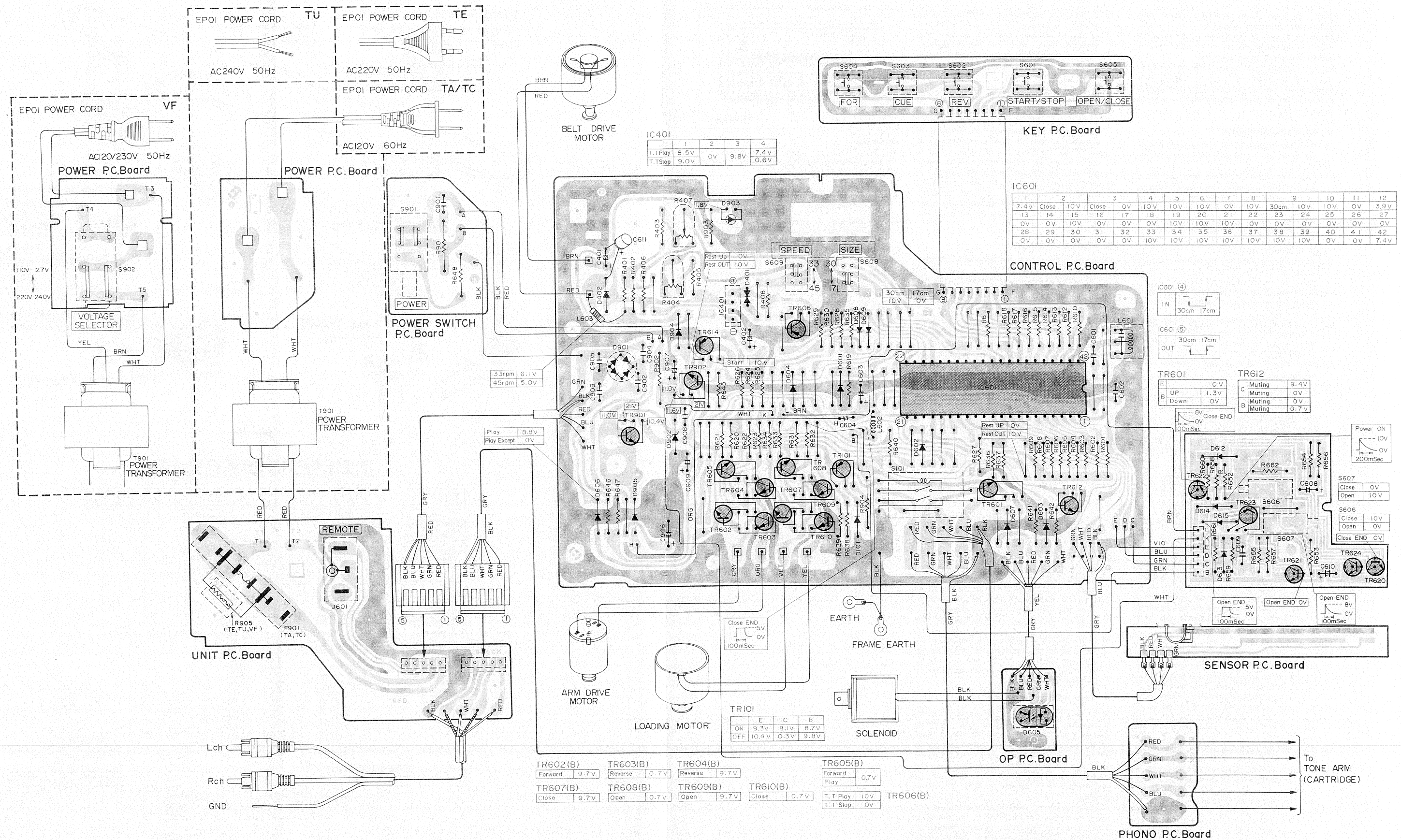
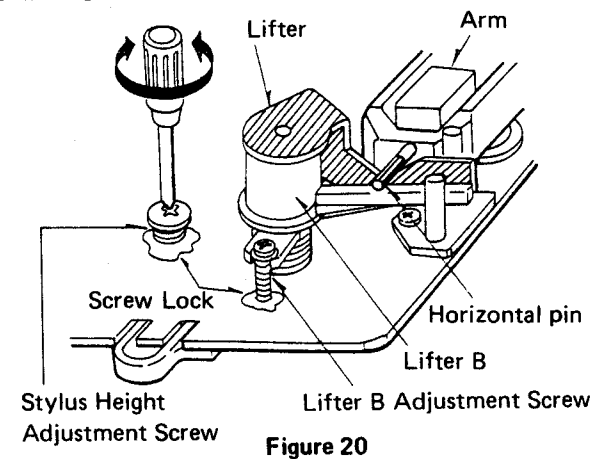


Figure 18

10. ADJUSTMENTS

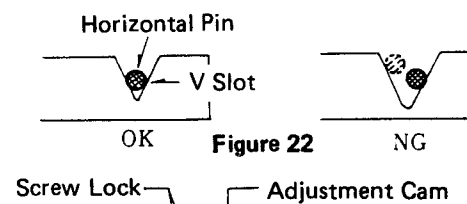
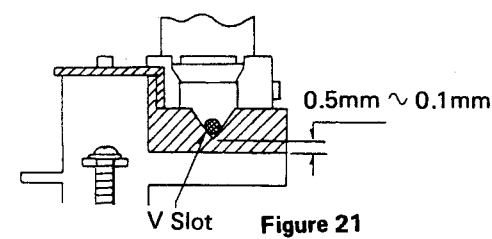
STYLUS HEIGHT ADJUSTMENT (Figure 20 and Figure 21)

1. Remove turn table and turn table sheet.
2. Remove top cover.
3. Remove arm cover.
4. Move the arm so that it is positioned at a slight inside of the radius of 17 cm record disc.
5. Tighten lifter B adjustment screw up to the bottom.
6. Check horizontal pin is at the lowest of V slot (Figure 22) with arm lifted up and adjust stylus height adjustment screw for 4 ~ 8 mm.
7. After stylus height adjustment, lift up the arm and adjust lifter B adjustment screw as shown in Figure 21.
8. After completion of adjustment, apply screw lock adhesive to two screws as illustrated.



TRACKING ADJUSTMENT (Figure 22 and Figure 23)

1. Remove turn table and table sheet.
2. Remove top cover and arm cover.
3. Move the arm so that it is positioned at a slight inside of the radius of 17 cm record disc.
4. Check horizontal pin of arm is at the lowest of V slot with arm lifted up. (Figure 22)
5. Loosen fixing screw.
6. Move arm down by pushing CUEING button.
7. After arm is lowered, adjust adjustment cam so that the arm can be moved gradually.
8. After adjustment, tighten fixing screw and apply screw lock adhesive to the screw and adjustment cam.

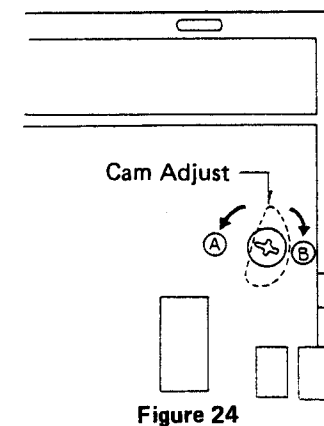
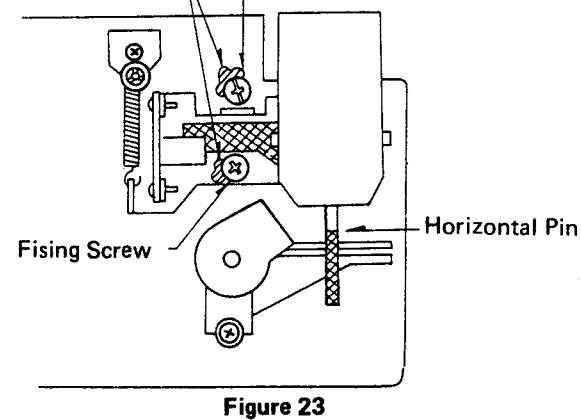


TURN TABLE ROTATION ADJUSTMENT

1. Open with OPEN CLOSE button pushed.
2. Adjust 45 rpm first and next 33 rpm.
3. After adjustment of 33 rpm, check 45 rpm.
4. When using test record (TX-3002), use BAND 3 (3 kHz) in SIDE 2 and adjust for the output frequency of 2985 ~ 3030 Hz at 33 rpm and for the output frequency of 4030 ~ 4090 Hz at 45 rpm.

AUTO IN POSITION ADJUSTMENT, AUTO RETURN POSITION CHECK (Figure 24)

1. Remove top cover.
2. Set SIZE button to < 30 > and SPEED button to < 33 >.
3. Remove arm from rest with FOR button pushed.
4. Adjust cam adjust in cabinet by turning it as follows:
5. Rotate cam adjust in direction A to fall the arm inside the disc edge and in direction B for outside the disc edge.
6. When adjusting with the test record (TX-3002), first use SIDE 1 and adjust for 30 cm record so that the stylus can fall in a specified range [KAKURETEMO ... KOI], and then make sure for 17 cm record.
7. When auto in adjustment is proceeded, auto return adjustment is also completed automatically.



11. EXPLODED VIEW CABINET AND MECHANISM

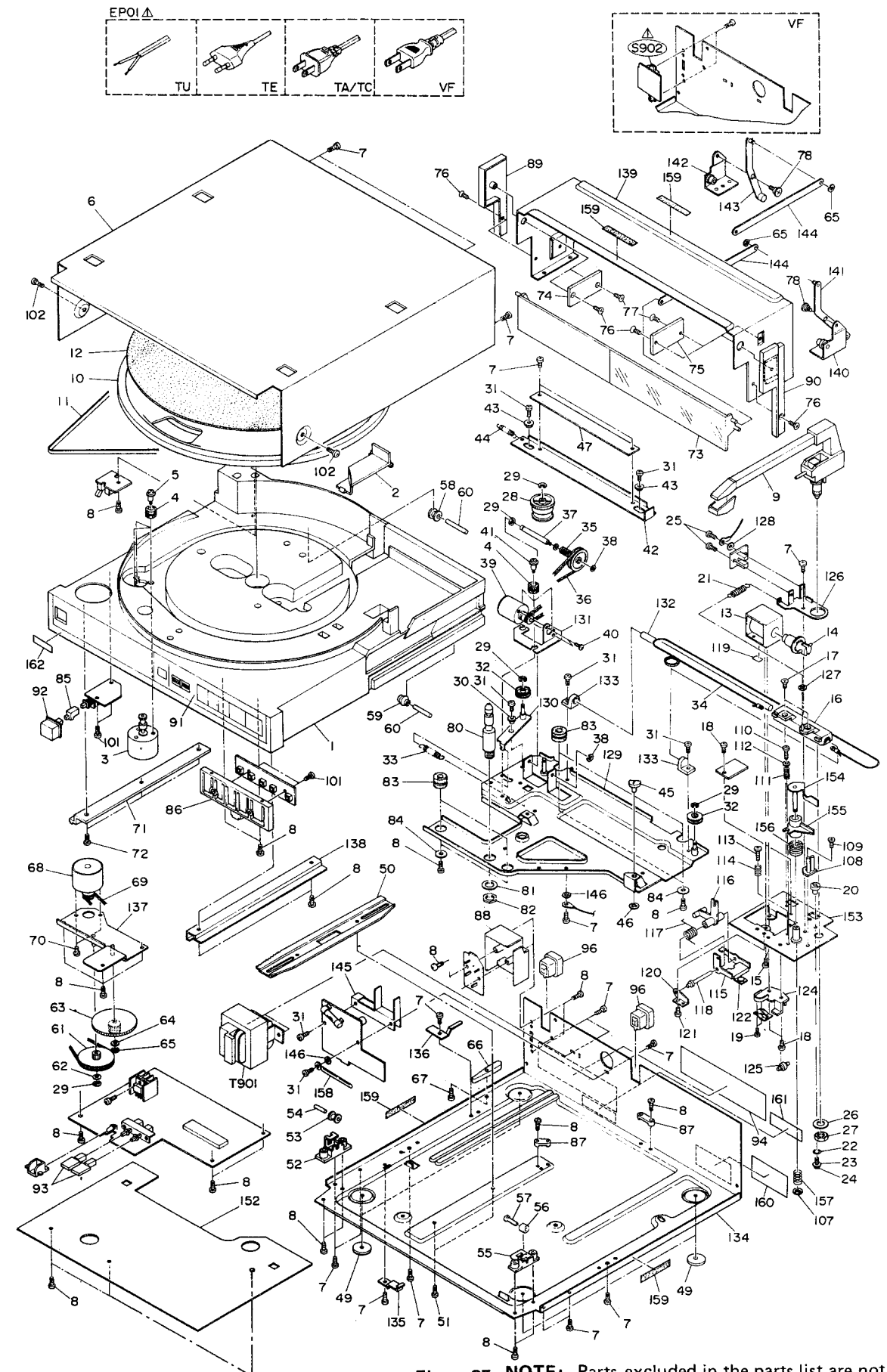


Figure 25 NOTE: Parts excluded in the parts list are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

PARTS LIST

CAUTION:

The  mark, the symbol No. circled with oval in the schematic diagram and the shaded area in the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list.

Symbol No.	Part No.	Description	Symbol No.	Part No.	Description
MECHANISM AND CABINET PARTS			41	22701766	Screw, 2.6φ x 8.8mm
1	20848783	Cabinet, Silver (TE, TU)	42	20747741	Sensor Mount
1	20848789	Cabinet, Black (TE, TU, TA, TC, VF)	43	20773960	Spacer, Slider
2	20848779	Cover, Arm, Silver (TE, TU)	44	20705748	Spring
2	20848786	Cover, Arm, Black (TE, TU, TA, TC, VF)	45	20757027	Adjust Cam
3	22126665	Motor Ass'y	46	25735222	E Ring, 4φ
4	20881180	Cushion, Motor	47	22193866	Sensor P.C. Board
5	22707283	Special Screw, 3φ x 10mm	49	20842675	Foot
6	20848782	Top Cover, Silver (TE, TU)	50	20741805	Rack
6	20848787	Top Cover, Black (TE, TU, TA, TC, VF)	51	22707910	Screw, 3φ x 6mm, 2DTBID
7	22707445	Screw, 3φ x 6mm, DTBID	52	20747712	Holder, Roller
8	22707842	Screw, 3φ x 8mm, 2DTBID	53	25752694	Roller
9	20731999	PU Arm Ass'y	54	20764891	Shaft, Roller
10	20723758	Turntable	55	20747734	Holder, Roller
11	20728025	Belt, Turntable	56	25752693	Roller
12	20723761	Sheet, Turntable	57	20798766	Rivet, 3φ x 12mm
13	22147270	Solenoid	58	25752694	Roller
14	22775548	Spring	59	25752695	Roller
15	22701967	Screw, 3φ x 5mm, BID	60	20764892	Shaft, Roller
16	20744631	Guide, Rail	61	20727664	Gear, Pulley
17	22707924	Screw, 2.6φ x 6mm, DTFLT	62	22753719	Washer
18	22707366	Screw, 2.6φ x 6mm, DTBID	63	20727665	Gear, Drive
19	20797636	Screw, 1.7φ x 2.2mm	64	22753683	Washer
20	20757776	Adjust Cam	65	22703279	E Ring, 3φ
21	20705749	Spring	66	22741666	Slider
22	22703131	Washer	67	22707979	Screw, 2.6φ x 8mm, 2DTBID
23	22703143	Washer	68	22126664	Motor Ass'y
24	22701865	Screw, 2.6φ x 4mm	69	20728621	Belt
25	22701694	Screw, 2.6φ x 6mm, PAN	70	22701796	Screw, 2.6φ x 3mm
26	20703651	Washer	71	20015913	Rail
27	22702566	Nut, 8mm	72	22707802	Screw, 3φ x 12mm, 2DTBID
28	20727659	Worm Gear	73	20848781	Cover, Front (TE, TU)
29	22703118	E Ring, 2φ	73	20848784	Cover, Front (TE, TU, TA, TC, VF)
30	20773960	Spacer, Slider	74	20744628	Guide, Left
31	22707445	Screw, 3φ x 6mm, DTBID	75	20744629	Guide, Right
32	20716782	Pulley	76	22701361	Screw, 2.6φ x 5mm, FLT
33	20705747	Spring	77	22701970	Screw, 2.6φ x 6mm, FLT
34	22746724	Wire	78	22701472	Screw, 2.6φ x 13mm, FLT
35	20727666	Gear, Drive	79	25752706	Roller
36	20728622	Belt	80	20764921	Table Shaft Ass'y
37	20764915	Shaft	81	22703142	Washer, 11.5φ
38	22703117	E Ring, 1.5φ	82	22702162	Nut, 11φ
39	22126659	Motor	83	22758645	Cushion
40	22701467	Screw, 2φ x 3mm, BID	84	20791631	Washer
			85	20755672	Joint
			86	20744630	Switch Base
			87	22184117	Clamp, Cord

Symbol No.	Part No.	Description
88	22747540	Barrier
89	20836764	Decoration (TE, TU)
89	20836765	Decoration (TE, TU, TA, TC, VF)
90	20836763	Decoration (TE, TU)
90	20836766	Decoration (TE, TU, TA, TC, VF)
91	20755669	Control Plate (TE, TU)
91	20755687	Control Plate (TE, TU, TA, TC, VF)
92	22824500	Knob, Power
93	25886220	Knob, Speed/Size
94	22867981	Nameplate (TE)
94	22867982	Nameplate (TU)
94	22867983	Nameplate (VF)
94	22867984	Nameplate (TA)
94	22867985	Nameplate (TC)
△ 96	22185137	Bush, PIN Plug Cord
97	22701890	Screw, 3 ϕ x 8mm, 2DTBID
98	20956643	Clamp Label
99	20773962	Spacer, Mechanism
100	22701862	Screw, 4 ϕ x 22mm, BID
101	22707910	Screw, 3 ϕ x 6mm, 2DTBID
102	22701678	Screw, 3 ϕ x 3mm (TE, TU)
102	22701981	Screw, 3 ϕ x 3mm (K-TE, TU, TA, TC, VF)
107	22703575	E Ring, 3.1 ϕ
108	20744632	Guide, Lifter
109	22707366	Screw, 2.6 ϕ x 6mm, DTBID
110	22701968	Screw, 2 ϕ x 16mm
111	20703906	Spring
112	22703318	Washer, 2 ϕ
113	22707453	Screw, 3 ϕ x 14mm, BID
114	20703893	Spring
117	20707805	Spring
121	22707366	Screw, 2.6 ϕ x 6mm, DTBID
125	22751511	Roller, Base
127	22703375	CS Ring, 2 ϕ
156	20703908	Spring
157	20703907	Spring
160	20968709	Label, Cauton (TE, TU, TA, TC)
161	22867986	Label (TE)
162	20953279	Label (TU)
163	22867996	Label, Voltage Select (VF)

Symbol No.	Part No.	Description
ICS, TRANSISTORS AND DIODES		
IC401	22117430	IC, LA5512
IC601	22117440	IC, μ PD553C-315
TR101	A6534060	Transistor, 2SA1015-GR
TR601	22117330	Transistor, 2SD1153
TR602, 604	22117090	Transistor, 2SD1111
TR603, 605	22117090	Transistor, 2SD1111
TR606	A6534060	Transistor, 2SA1015-GR
TR607, 609	22117090	Transistor, 2SD1111
TR608, 610	A6317460	Transistor, 2SC1815-GR
TR612	A6317460	Transistor, 2SC1815-GR
TR614	A6534060	Transistor, 2SA1015-GR
TR620, 621	A6317540	Transistor, 2SC1815-Y
TR622, 623	A6534040	Transistor, 2SA1015-Y
TR624	A6317540	Transistor, 2SC1815-Y
TR901	A6848520	Transistor, 2SD880-Y
TR902	A6317460	Transistor, 2SC1815-GR
D101	A7246703	Diode, 1S1555
D401	22115617	Diode, VD1221
D402	A7246703	Diode, 1S1555
D601, 602, 603, 604	A7246703	Diode, 1S1555
D605	22115932	Interrupter, SLR-54-VC3-F
D606, 607	A7246703	Diode, 1S1555
D608, 609	A7246703	Diode, 1S1555
D612, 613	A7246703	Diode, 1S1555
D614, 615	A7246703	Diode, 1S1555
D901	22115485	Diode, WL02M
D902	A7110360	Diode, 05Z11-Z
D903	A8641461	Diode, TLP801A
D904, 905	A7978380	Diode, S5277B
ELECTRICAL PARTS		
S101	22148420	Relay
S601, 602	22190036	Key Switch, Start, Stop/Reverse
S603, 604	22190036	Key Switch, Cue/Forward
S605	22190036	Key Switch, Open, Close
S606, 607	22190155	Slide Switch, Open/Close
S608, 609	22190153	Push Switch, Size/Speed

Symbol No.	Part No.	Description
S901	22190154	Push Switch, Power
S902	22190156	Slide Switch, Voltage
L601	22245460	Coil, Oscillator
L602	22241028	Coil, Choke
L603	22211274	Coil, Choke
J601	22198116	Jack, US-1P, Remote Control
△ T901	22224686	Transformer, Power (TE)
△ T901	22224690	Transformer, Power (TU)
△ T901	22224688	Transformer, Power (TA, TC)
△ T901	22224687	Transformer, Power (VF)
△ F901	22144470	Fuse, 250V, 1A (TA, TC)
△ EP01	22176529	Cord, Power (TE)
△ EP01	22177081	Cord, Power (TU)
△ EP01	22176174	Cord, Power (TA, TC)
△ EP01	22176125	Cord, Power (VF)
EP02	22165047	Holder, Fuse (TA, TC)
EP03	22164963	Cord, US 1P (TE, TU, VF)
EP03	22164967	Cord, US 1P (TA, TC)
△ EP04	22164300	Adaptor, AC Plug (VF)
CAPACITORS K = $\pm 10\%$, M = $\pm 20\%$, Z = $-20 + 80\%$ ABBREVIATIONS: CD = Ceramic Disk, MY = Mylar, EL = Electrolytic		
C401	22448108	EL, 0.1mfd, 50V
C402	22448108	EL, 0.1mfd, 50V
C601	22371472	MY, 4700pF, 50V, Z
C602	22342223	CD, 0.022mfd, 50V, Z
C603	22447100	EL, 10mfd, 35V
C604	22403090	EL, 1mfd, 50V (BP)
C608	22448109	EL, 1mfd, 50V
C609	22488229	EL, 2.2mfd, 50V
C610	22448109	EL, 1mfd, 50V
C901	22342223	CD, 0.022mfd, 50V, Z
C902, 903	22342223	CD, 0.022mfd, 50V, Z
C904, 905	22342223	CD, 0.022mfd, 50V, Z
C906	22440569	EL, 1000mfd, 35V
C907	22342223	CD, 0.022mfd, 50V, Z
C908	22343102	CD, 1000pF, 50V, M
C909	22448109	EL, 1mfd, 50V

Symbol No.	Part No.	Description
RESISTORS All resistors are carbon film, 1/4W, $\pm 5\%$ unless otherwise noted. 1K ohm = 1000 ohm, 1M ohm = 1000000 ohm		
R401	22545152	1.5K ohm
R402	22545182	1.8K ohm
R403	22545472	4.7K ohm
R404	22658613	5K ohm, Semi-fixed
R405	22545222	2.2K ohm
R406	22545562	5.6K ohm
R407	22658628	2K ohm, Semi-fixed
R408	22545185	1.8M ohm
R601, 602	22545103	10K ohm
R603, 604	22545103	10K ohm
R605, 606	22545103	10K ohm
R607, 608	22545103	10K ohm
R609	22545472	4.7K ohm
R610	22545104	100K ohm
R611	22545103	10K ohm
R612	22545102	1K ohm
R613, 614	22545103	10K ohm
R615, 616	22545103	10K ohm
R617, 618	22545103	10K ohm
R619	22545104	100K ohm
R620, 622	22545103	10K ohm
R621, 623	22545682	6.8K ohm
R624, 625	22545104	100K ohm
R626, 627	22545104	100K ohm
R628, 629	22545104	100K ohm
R630	22545104	100K ohm
R631, 633	22545103	10K ohm
R632, 634	22545682	6.8K ohm
R635	22545103	10K ohm
R636	22545103	10K ohm
R637	22545104	100K ohm
R638	22545103	10K ohm
R639	22545473	47K ohm
R640	22545103	10K ohm
R641	22545104	100K ohm
R642	22545681	680 ohm
R645	22545103	10K ohm
R646	22545101	100 ohm
R647	22545103	10K ohm
R648	22545473	47K ohm
R652, 653	22545104	100K ohm
R654, 655	22545103	10K ohm
R656, 657	22545102	1K ohm
R658, 659	22545473	47K ohm
R660, 661	22545103	10K ohm
R662	22545473	47K ohm

Symbol No.	Part No.	Description
R901	22547101	100 ohm, 1/2W
R902	22547821	820 ohm, 1/2W
R903	22545821	820 ohm, 1/2W
R904	22545220	22 ohm, 1/2W
R905	22500339	0.22 ohm, 1/4W, J, Fusible (TE, TU, VF)



Symbol No.	Part No.	Description
ACCESSORIES		
AC01	22954685	Owner's Manual (TE)
AC01	22954686	Owner's Manual (VF)
AC01	22954687	Owner's Manual (TU)
AC01	22954688	Owner's Manual (TA, TC)
AC02	20971653	EP Adaptor

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